

AMENDMENTS TO THE SPECIFICATION:

Please replace the "Abstract of the Invention" with the following new paragraph:

-- A method and system for locating a vascular opening and therapeutically sealing the wound
5 with high intensity focused ultrasound (HIFU) is disclosed. A control unit (6) coupled to an applicator unit includes a processor (74) which automates the disclosed procedure, controlling various parameters of the diagnostic and therapeutic modes, including the intensity and duration of the ultrasonic energy emitted by the applicator unit. --

10 Please replace the "Related Application" with the following new paragraph:

-- This application is a continuation of Application No. 09/696,076, filed October 10, 2000, which claimed benefit under 35 U.S.C. § 119(e) of U.S. Provisional Application No. 60/171,703, filed December 23, 1999. This application is related to Application Serial No. 09/747,310, filed December 22, 2000, the entire contents of which is hereby incorporated by reference. --

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Please replace the paragraph beginning at Page 9, Line 7 with the following rewritten paragraph:

-- Nevertheless, since imaging of the vascular target site is preferable and will employ echo processing (especially Doppler), Figure 2 also illustrates a reception controller 78-88, which will 20 include conventional amplification and signal conditioning circuitry as needed.--